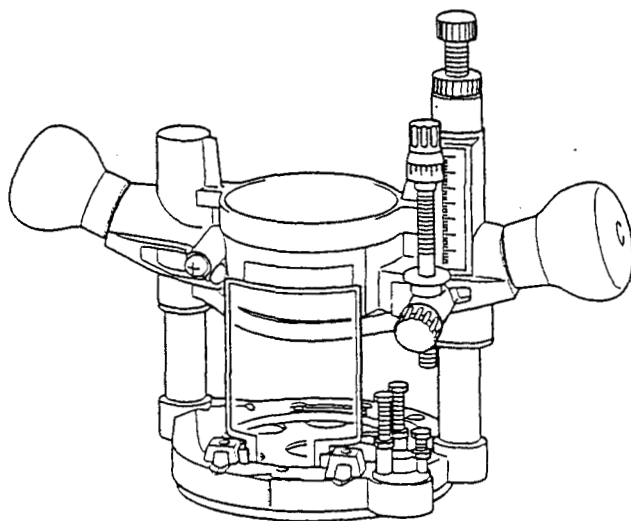
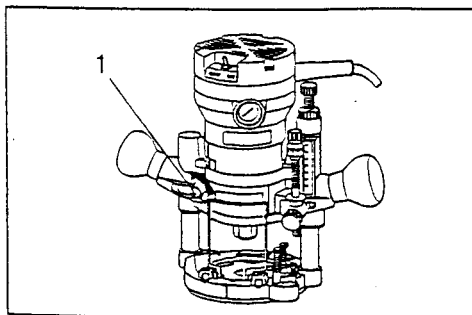




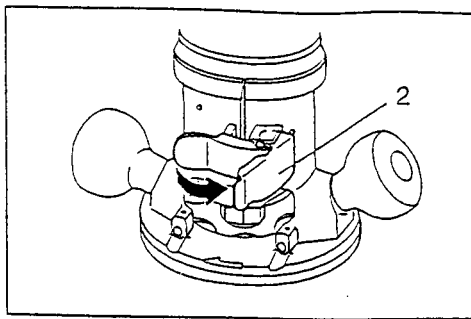
GB	Plunge Router Base	Instruction Manual
F	Base de toupie plongeante	Manuel d'instructions
E	Base para router	Manual de Instrucciones

For Model RP1100/RP1101, RF1100/RF1101

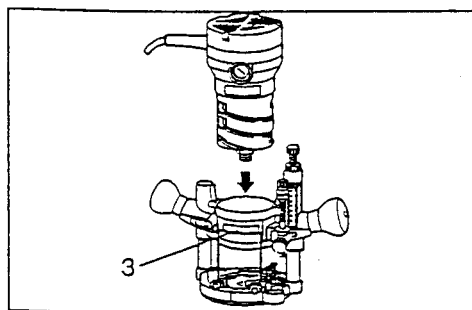




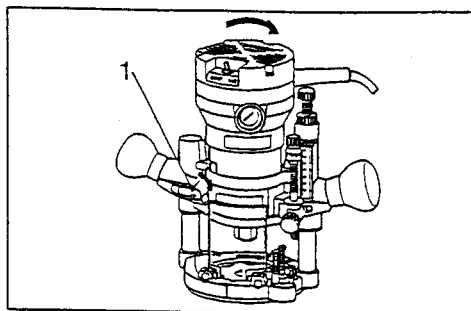
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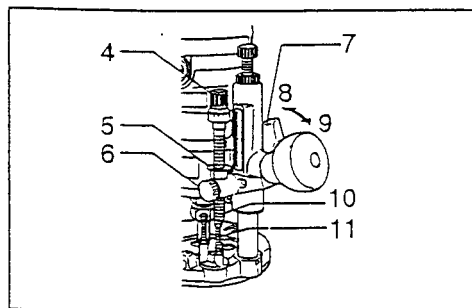
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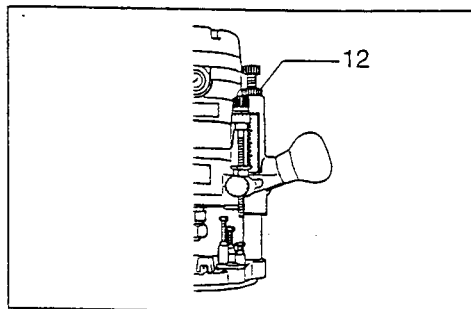
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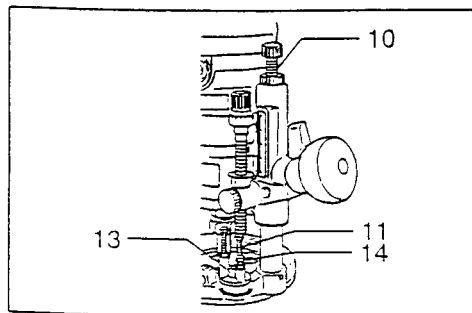
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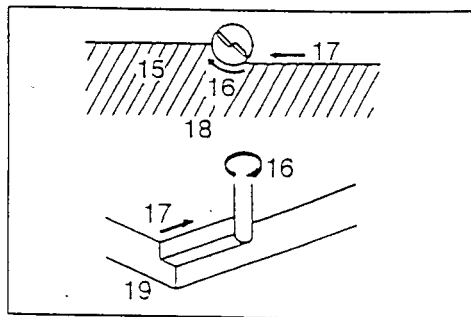
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8

Explanation of general view

1 Lock screw	8 Tighten	15 Workpiece
2 Lock lever	9 Loosen	16 Bit revolving direction
3 Label	10 Stopper pole	17 Feed direction
4 Adjusting knob	11 Adjusting hex bolt	18 View from the top of the tool
5 Depth pointer	12 Nylon nut	19 Correct bit feed direction
6 Fast-feed button	13 Stopper block	
7 Lock lever	14 Hex nut	

Replacing the base

CAUTION:

Always be sure that the tool is switched off and unplugged before removing or installing the base.

Removing the existing base

For Model RP1100/RP1101 (Fig. 1)

Loosen the lock screw. Turn the motor unit counterclockwise while holding the base. Turn it until the pin in the base is disengaged from the groove in the motor unit. Lift the motor unit free from the base.

For Model RF1100/RF1101 (Fig. 2)

Open the lock lever. Turn the motor unit counterclockwise while holding the base. Turn it until the pin in the base is disengaged from the groove in the motor unit. Lift the motor unit free from the base.

Installing plunge router base

Place the plunge router base keeping the label front. Insert the motor unit into the base keeping the cord left side. (Fig. 3)

Rotate the motor unit clockwise until it stops. Tighten the lock screw securely. (Fig. 4)

HOW TO USE

Adjusting depth of cut (Fig. 5)

CAUTION:

Always be sure that the tool is switched off and unplugged before adjusting the depth of cut.

Place the tool on a flat surface. Press the lock lever down and lower the tool body until the bit just touches the flat surface. Release the lock lever to hold the tool body down. Turn the fast-feed button counterclockwise to loosen. While pressing the fast-feed button, lower the stopper pole until it makes contact with the adjusting hex bolt. Align the depth pointer with the "0" graduation. The depth of cut is indicated on the scale by the depth pointer. While pressing the fast-feed button, raise the stopper pole until the desired depth of cut is obtained. Minute depth adjustments can be obtained by turning the adjusting knob (1.6 mm per turn). After adjusting the depth of cut, turn the fast-feed button clockwise to fasten the stopper pole firmly.

Now, your predetermined depth of cut can be obtained by pressing the lock lever and then lowering the tool body until the stopper pole makes contact with the adjusting hex bolt of the stopper block.

Nylon nut (Fig. 6)

CAUTION:

Do not lower the nylon nut too low or the bit will protrude dangerously.

By turning the nylon nut, the upper limit of the tool body can be adjusted. When the tip of the bit is retracted more than required in relation to the base plate surface, turn the nylon nut to lower the upper limit.

CAUTION:

- Since excessive cutting may cause overload of the motor or difficulty in controlling the tool, the depth of cut should not be more than 15 mm at a pass when cutting grooves with an 8 mm diameter bit.
- When cutting grooves with a 20 mm diameter bit, the depth of cut should not be more than 5 mm at a pass.
- For extra-deep grooving operation, make two or three passes with progressively deeper bit settings.

Stopper block (Fig. 7)

The stopper block has three adjusting hex bolts which raise or lower 0.8 mm per turn. You can easily obtain three different depths of cut using these adjusting hex bolts without readjusting the stopper pole.

Adjust the lowest hex bolt to obtain the deepest depth of cut. Adjust the two remaining hex bolts to obtain shallower depths of cut. The differences in height of these hex bolts are equal to the differences in depths of cut.

To adjust the hex bolts, first loosen the hex nuts on the hex bolts with the wrench and then turn the hex bolts. After obtaining the desired position, tighten the hex nuts while holding the hex bolts in that desired position.

The stopper block is also convenient for making three passes with progressively deeper bit settings when cutting deep grooves.

OPERATION (Fig. 8 & 9)

Set the tool base on the workpiece to be cut without the bit making any contact. Then turn the tool on and wait until the bit attains full speed. Lower the tool body with pressing the lock lever down. Release the lock lever at the lowest position and push it further to lock the tool body securely. Move the tool forward over the workpiece surface, keeping the tool base flush and advancing smoothly until the cutting is complete.

When doing edge cutting, the workpiece surface should be on the left side of the bit in the feed direction.

NOTE:

- Make sure that the tool raises automatically when the lock lever is loosened. The position of the bit must be higher than the tool base when not operating.
- Moving the tool forward too fast may cause a poor quality of cut, or damage to the bit or motor. Moving the tool forward too slowly may burn and mar the cut. The proper feed rate will depend on the bit size, the kind of workpiece and depth of cut. Before beginning the cut on the actual workpiece, it is advisable to make a sample cut on a piece of scrap lumber. This will show exactly how the cut will look as well as enable you to check dimensions.
- When using the straight guide, be sure to install it on the right side in the feed direction. This will help to keep it flush with the side of the workpiece.